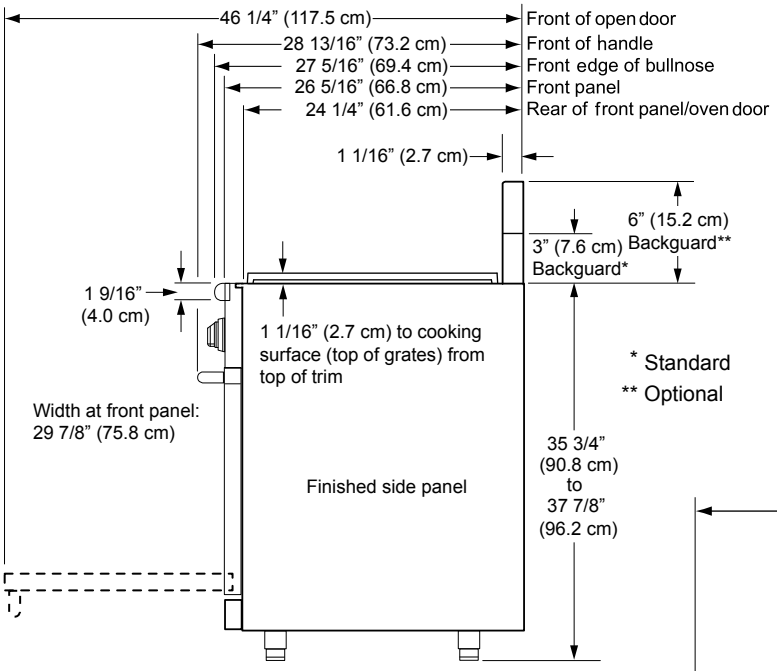
ER30D, ER30DSR

dacor The Life of the Kitchen®

Renaissance® 30” Wide Dual Fuel Ranges

PLANNING GUIDE

Product tolerances: ±1/16” (±1.6 mm) unless otherwise stated


46 1/4” (117.5 cm)
Front of open door
28 13/16” (73.2 cm)
Front of handle
27 5/16” (69.4 cm)
Front edge of bullnose
26 5/16” (66.8 cm)
Front panel
24 1/4” (61.6 cm)
Rear of front panel/oven door
1 1/16” (2.7 cm)
6” (15.2 cm) Backguard**
3” (7.6 cm) Backguard*
1 9/16” (4.0 cm)
1 1/16” (2.7 cm) to cooking surface (top of grates) from top of trim
* Standard
** Optional
Width at front panel: 29 7/8” (75.8 cm)
Finished side panel
35 3/4” (90.8 cm) to 37 7/8” (96.2 cm)

FREESTANDING MODELS ER30D AND ER30D-C

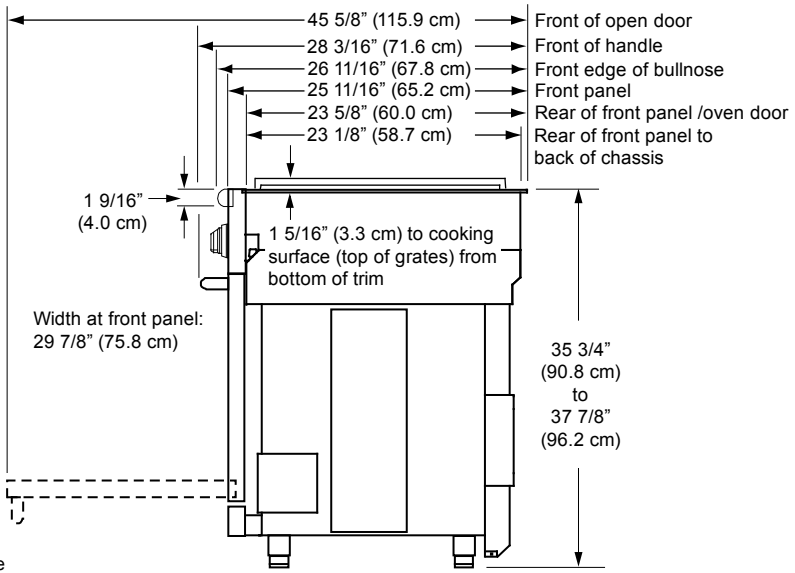
NOTE: Models ER30D and ER30D-C are NOT designed for use with self-rimming installations or downdraft vents. Use model ER30DSR for self-rimming and downdraft vent installations.

⚠ WARNING

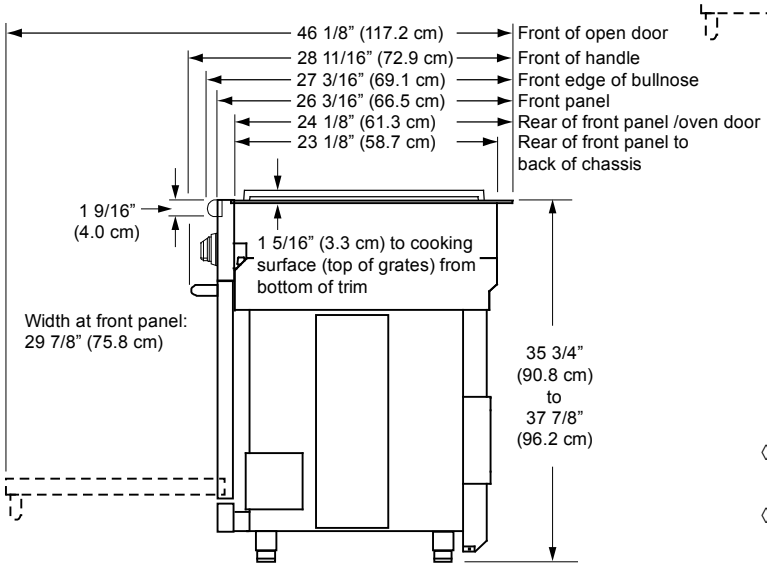
- Observe all governing codes and ordinances during planning and installation. Contact your local building department for further information.
- This appliance must be installed in accordance with the accompanying installation instructions.

NOTE:

- Self-rimming models are designed to allow the trim to overlap the countertop when configured to the dimensions shown on page 3/3.
- Self-rimming models are not compatible with integral backguards.


45 5/8” (115.9 cm)
Front of open door
28 3/16” (71.6 cm)
Front of handle
26 11/16” (67.8 cm)
Front edge of bullnose
25 11/16” (65.2 cm)
Front panel
23 5/8” (60.0 cm)
Rear of front panel /oven door
23 1/8” (58.7 cm)
Rear of front panel to back of chassis
1 9/16” (4.0 cm)
1 5/16” (3.3 cm) to cooking surface (top of grates) from bottom of trim
Width at front panel: 29 7/8” (75.8 cm)
35 3/4” (90.8 cm) to 37 7/8” (96.2 cm)

SELF RIMMING MODEL ER30DSR SIDE DIMENSIONS WITH STANDARD TRIM


46 1/8” (117.2 cm)
Front of open door
28 11/16” (72.9 cm)
Front of handle
27 3/16” (69.1 cm)
Front edge of bullnose
26 3/16” (66.5 cm)
Front panel
24 1/8” (61.3 cm)
Rear of front panel /oven door
23 1/8” (58.7 cm)
Rear of front panel to back of chassis
1 9/16” (4.0 cm)
1 5/16” (3.3 cm) to cooking surface (top of grates) from bottom of trim
Width at front panel: 29 7/8” (75.8 cm)
35 3/4” (90.8 cm) to 37 7/8” (96.2 cm)

SELF RIMMING MODEL ER30DSR SIDE DIMENSIONS WITH OPTIONAL DOWNDRAFT VENT TRIM KIT INSTALLED (ATK30SR)

ELECTRIC CIRCUIT REQUIREMENTS		
Range Model	**Circuit Required**	**Total Connected Load**
ER30D/ER30DSR	240 Vac, 4-wire* 60 Hz, 30 Amp.	5.6 kW (24.2 Amp.)

* 4-wire, two 120 Vac hot (L1 and L2), one neutral, one ground

◊ The ratings above are for reference only - refer to the range rating label.

◊ Model ER30D-C is a freestanding range that comes with a factory installed 4-wire appliance cord and NEMA 14-50P plug. This wiring configuration is required for freestanding ranges installed in Canada, although they may be used elsewhere, if local codes permit. The plug is designed to plug directly into a NEMA 14-50R electrical receptacle installed by a licensed electrician according to specifications. Do not modify the factory wiring on model ER30D-C.

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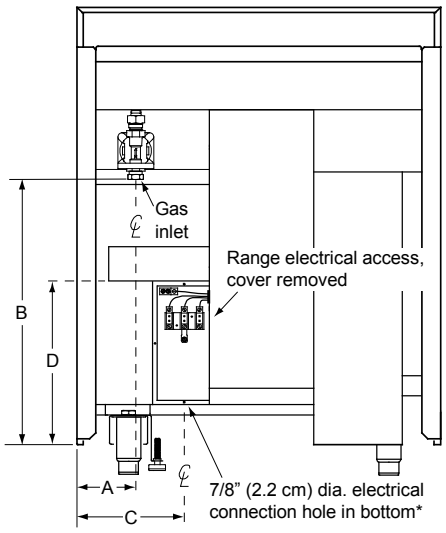


BACK OF RANGE

GAS - ELECTRICAL ACCESS DIMENSIONS				
A	**B**	**C**	**D**	**E**
4 7/8” (12.4 cm)	21 3/4” (55.2 cm)	8 5/8” (21.9 cm)	10 3/16” (25.9 cm)	7/8”* (2.2 cm)

* The hole size can be increased to 1 1/8” by removing the conduit bracket inside the range electrical access box.

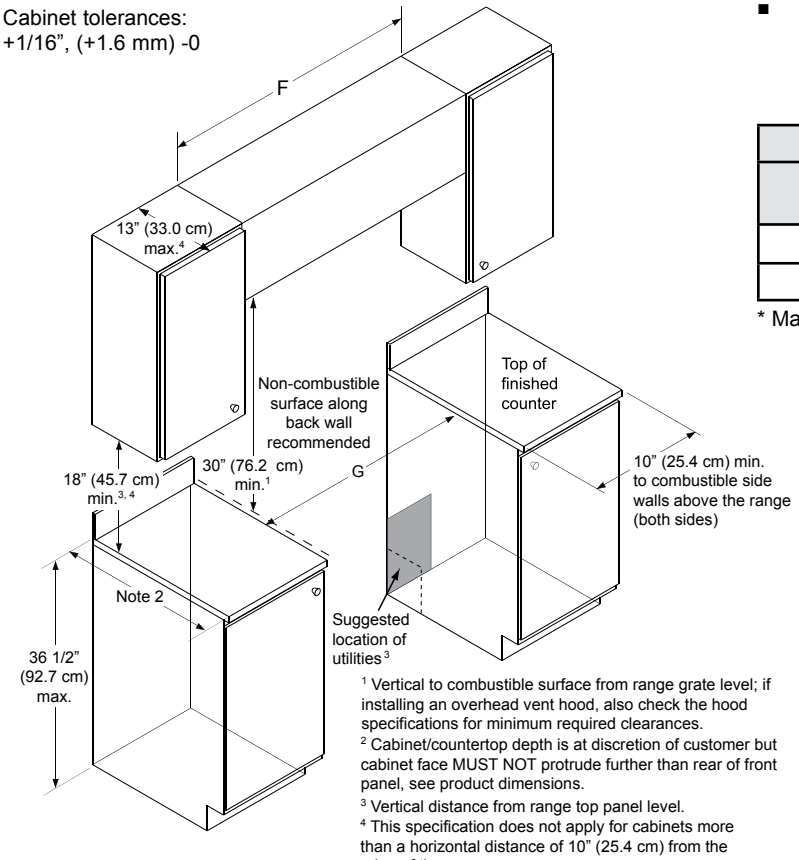
Gas and Electrical Service

- The shaded area (diagram bottom left) denotes the location of the gas inlet and the electrical junction box/receptacle. This is the recommended location. For replacement purposes, the location of the existing utilities may be utilized provided they do not interfere with the sides or rear of the range. Check local building codes for permissible gas valve and electrical locations.
- An external manual shut-off valve must be installed between the gas inlet and the range, for the purpose of turning on or shutting off gas to the appliance.

The installation must allow for the following:

- Access to the gas shut-off valve when the unit is installed.
- Access to the remote circuit breaker panel/fuse box, when the range is in place.
- The gas supply piping and shut-off valve, and the electrical junction box/receptacle must be located so they do not interfere with the range when it is installed.
- The junction box and gas shut off valve must be located so that the range can be pulled out for service while the appliance remains connected.

Cabinet tolerances:
+1/16”, (+1.6 mm) -0


F
13” (33.0 cm) max.[4]
Non-combustible surface along back wall recommended
Top of finished counter
18” (45.7 cm) min.[3,4]
30” (76.2 cm) min.[1]
G
10” (25.4 cm) min. to combustible side walls above the range (both sides)
Note 2
Suggested location of utilities[3]
36 1/2” (92.7 cm) max.

[1] Vertical to combustible surface from range grate level; if installing an overhead vent hood, also check the hood specifications for minimum required clearances.
[2] Cabinet/countertop depth is at discretion of customer but cabinet face MUST NOT protrude further than rear of front panel, see product dimensions.
[3] Vertical distance from range top panel level.
[4] This specification does not apply for cabinets more than a horizontal distance of 10” (25.4 cm) from the edge of the range.

GAS SUPPLY PRESSURE REQUIREMENTS*		
Gas Type	**Manifold Pressure**	**Minimum Gas Supply Pressure**
Natural Gas	5” Water Column	6” Water Column
Petroleum (LP)	10” Water Column	11” Water Column

* Maximum input gas supply pressure for all models is 1/2 p.s.i.

CUT-OUT DIMENSIONS	
F	**G**
36” (91.4 cm)* 30” (76.2 cm)**	30 1/16” (91.6 cm)*
* Recommended ** Minimum	

CABINET CUTOUT DIMENSIONS MODELS ER30D AND ER3OD-C

NOTE: See following page for countertop/cabinet cutout dimensions for self-rimming installations .

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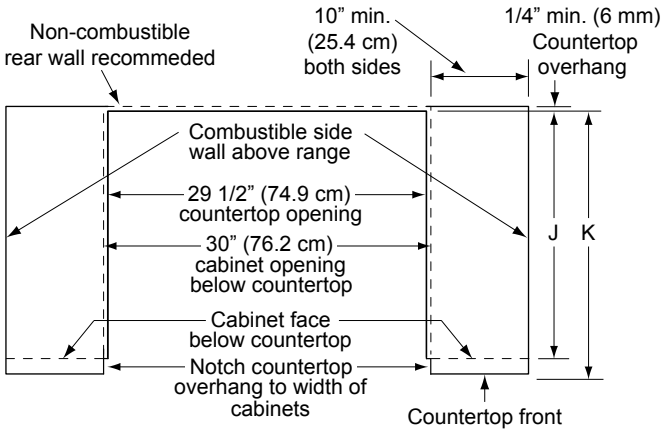
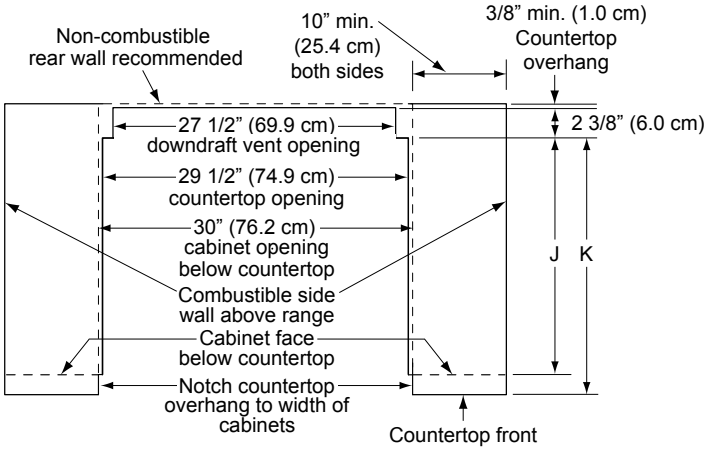
Cutout tolerances: +1/16” (+1.6 mm), -0 unless otherwise stated


Non-combustible rear wall recommeded
10” min. (25.4 cm) both sides
1/4” min. (6 mm) Countertop overhang
Combustible side wall above range
29 1/2” (74.9 cm) countertop opening
30” (76.2 cm) cabinet opening below countertop
Cabinet face below countertop
Notch countertop overhang to width of cabinets
J
K
Countertop front

Countertop Height: 35 5/8” (90.5 cm) min., 37 3/8” (94.9 cm) max.

TOP VIEW - MODEL ER30DSR COUNTERTOP/CABINET CUTOUT DIMENSIONS SELF RIMMING INSTALLATION

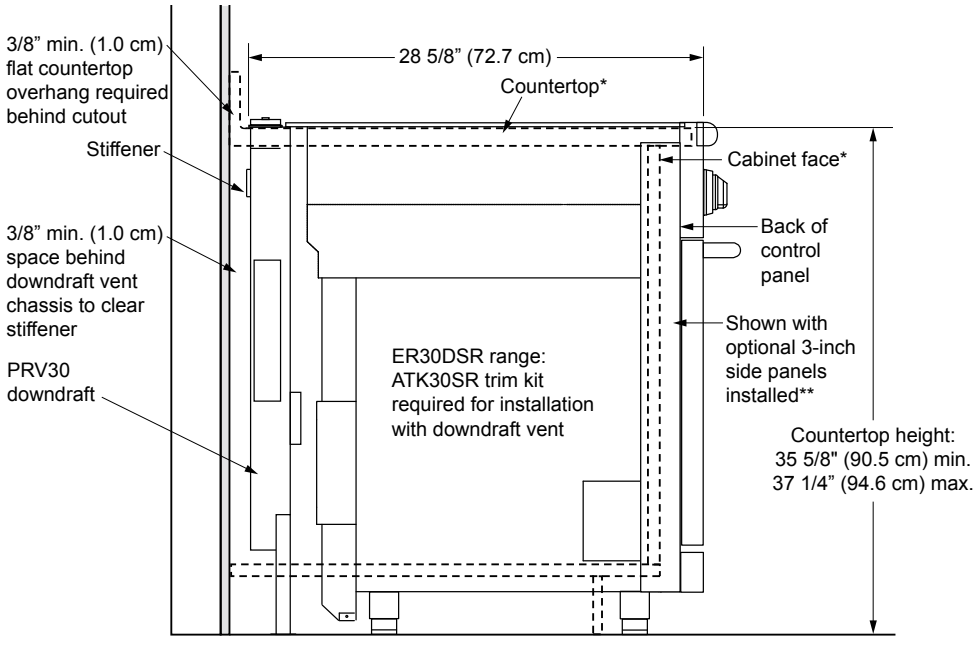

Non-combustible rear wall recommended
10” min. (25.4 cm) both sides
3/8” min. (1.0 cm) Countertop overhang
27 1/2” (69.9 cm) downdraft vent opening
2 3/8” (6.0 cm)
29 1/2” (74.9 cm) countertop opening
30” (76.2 cm) cabinet opening below countertop
Combustible side wall above range
Cabinet face below countertop
Notch countertop overhang to width of cabinets
J
K
Countertop front

Countertop Height: 35 5/8” (90.5 cm) min., 37 1/4” (94.6 cm) max.

TOP VIEW - MODEL ER30DSR COUNTERTOP/CABINET CUTOUT DIMENSIONS, SELF RIMMING INSTALLATION WITH DOWNDRAFT VENT (ATK30SR TRIM KIT INSTALLED)

APPROVED DOWNDRAFT VENT: PRV30

ER30DSR	J	K
without downdraft vent	23 1/2” (59.7 cm)	24” to 25 9/16”
with downdraft vent	24” (61.0 cm)	24 1/2” to 26 1/16”


3/8” min. (1.0 cm) flat countertop overhang required behind cutout
Stiffener
3/8” min. (1.0 cm) space behind downdraft vent chassis to clear stiffener
PRV30 downdraft
28 5/8” (72.7 cm)
Countertop*
Cabinet face*
Back of control panel
Shown with optional 3-inch side panels installed**
ER30DSR range: ATK30SR trim kit required for installation with downdraft vent
Countertop height: 35 5/8" (90.5 cm) min. 37 1/4” (94.6 cm) max.

* **IMPORTANT**: See Countertop/Cabinet Cutout Dimensions for countertop cutout dimensions.

** **IMPORTANT**: If optional 3-inch side panels are not installed cabinet face must be flush with back of control panel.

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